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DOCUMENT-IDENTIFIER: US 5514934 A

TITLE: Discharge lamp, image display device using the same and discharge lamp producing method

US Patent No. (1):5514934Detailed Description Text (38):

In FIGS. 20a to 20d, there is shown a construction of the electrodes of the display unit shown in FIG. 19. In this instance, as shown in FIG. 20a, the structure has a similar structure to the matrix wiring used for a liquid crystal image display device. The display unit 11 is comprised of a matrix of 6.times.n pixels 11-11, 11-21, . . . , 11-n6, and as shown in FIGS. 20b to 20d, for the matrix of the columns and the rows of the pixels, one set of external electrodes 5a corresponding to the columns are connected to feeding pins X1 to X6 and the other set of external electrodes 5b corresponding to the rows are connected to Y feeding pins Y1 to Yn. In this matrix type display unit 11, in order to illuminate the pixel 11-32, the switching elements (not shown) connected to the feeding pins X2 and Y3 are turned on to apply the voltage to the electrode pair corresponding to the pixel 11-32. In the structure of the display unit 11 as described above, the number of the feeding pins compared with the number of the pixels can be largely reduced.